

Project Metadata:

Development of the Goddard Core

Bob Allen

Gail Hodge

Clay Templeton

DCMI Conference

September 30, 2003

Need for Project Documentation Metadata

- Projects at NASA Goddard
 - Highly matrixed organization with 30-50 projects per year
 - Many separate project libraries
- Advantages of project documentation metadata
 - Facilitate access
 - Improved information management
 - Capture “lessons learned”

The Goddard Core

- Qualified Dublin Core
- 52 elements – 47 descriptive, 5 administrative
- 23 elements are refinements on subject, creator, and contributor. These refinements correspond to facets of the NASA taxonomy.
- XML and RDF versions -- using XML
- For the most part, simple elements are retained as part of the set
- Working on “best practices” for various media (e.g. WWW, videos)

Applying Goddard Core for Web Site Content

- Spidered Goddard sites with Rafabot
- Select science and engineering sites
- DC.dot for metadata capture
- Propagated meta-tags from top-level
- Human validation of candidate metadata
- 250 sites, 65K pages
- Stored in MySQL




Digital Archival System

Goddard Core Metadata Template

Help:

- [General help with the template](#) (please read this before completing your first template)
- Follow the link from a field's name for help with completing that field.
- [Guidelines for Dublin Core metadata creation](#)
- [DC Elements, Reference Version](#)

It is possible to exceed the visible limitations of the input boxes.

If you need to repeat a field, just click on the  that accompanies the field.

ID Date Stamp

1 TITLE of the resource to be described



Alternative title (Titles other than main title)



2 CREATOR (Name of the person or organization primarily responsible for creating the intellectual content)



Creator Employee



Creator Organization



Creator Code

Get	Meta	Record No.	Title
		133452	Laser Remote Sensing Branch (NASA
		133451	Laser Remote Sensing Branch (NASA
		141181	NASA Reliability Preferred Practices f
		143686	Space Sciences Directorate / NASA GSFC Code 600
		143765	The Mission and Components of the NASA/GSFC Space Sciences Directorate
		143767	NRC Postdoctoral Fellowships in Space Science at NASA's GSFC
		156992	JWST Project - NASA LOVES confusing words!!
		156662	NASA prepares Trio of Space Missions for Launch
		153109	Space Sciences Directorate / NASA GSFC Code 600
		153228	The Mission and Components of the NASA/GSFC Space Sciences Directorate

Laser Remote Sensing Branch

Code 924

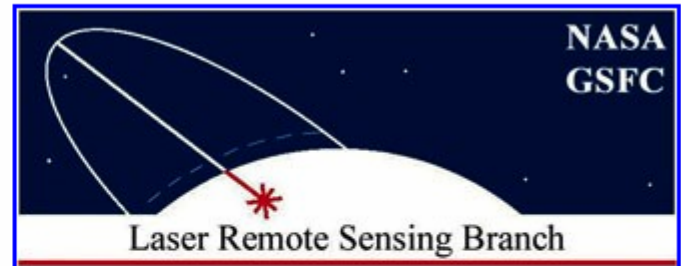
[Main Page](#)

[Staff](#)

[What's New?](#)

[Laboratories](#)

[Links](#)



[NASA, Goddard Space Flight Center](#)
Greenbelt, MD 20771
Dr. Pam Millar, Acting Head

The mission of the Laser Remote Sensing Branch is to develop las

			681/443
NASA:Oceanography, EOS:Instruments, EOS:Spacecraft	Associated Press Newswires		425

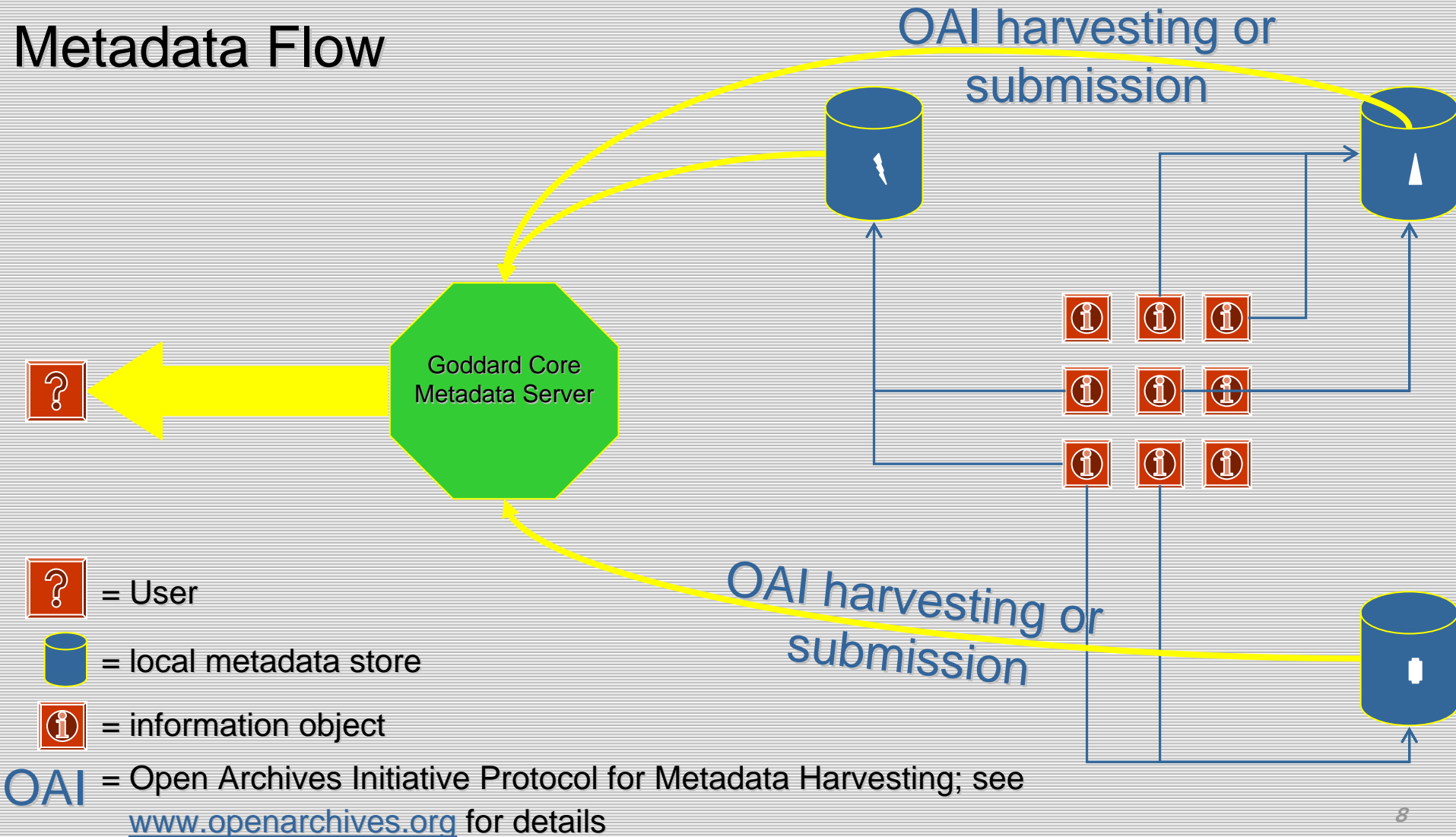
Access to Goddard Collections

- Unified metadata collection
 - Web sites
 - Streaming media
 - Images
- Plans for adding project documentation
 - Submission
 - OAI-PMH

Metadata for the Project Management Community

A Framework for Universal Discovery of Resources

Metadata Flow



Generalized Organizational Metadata Role Activity Diagrams

